Quantitation Report (Qedit)

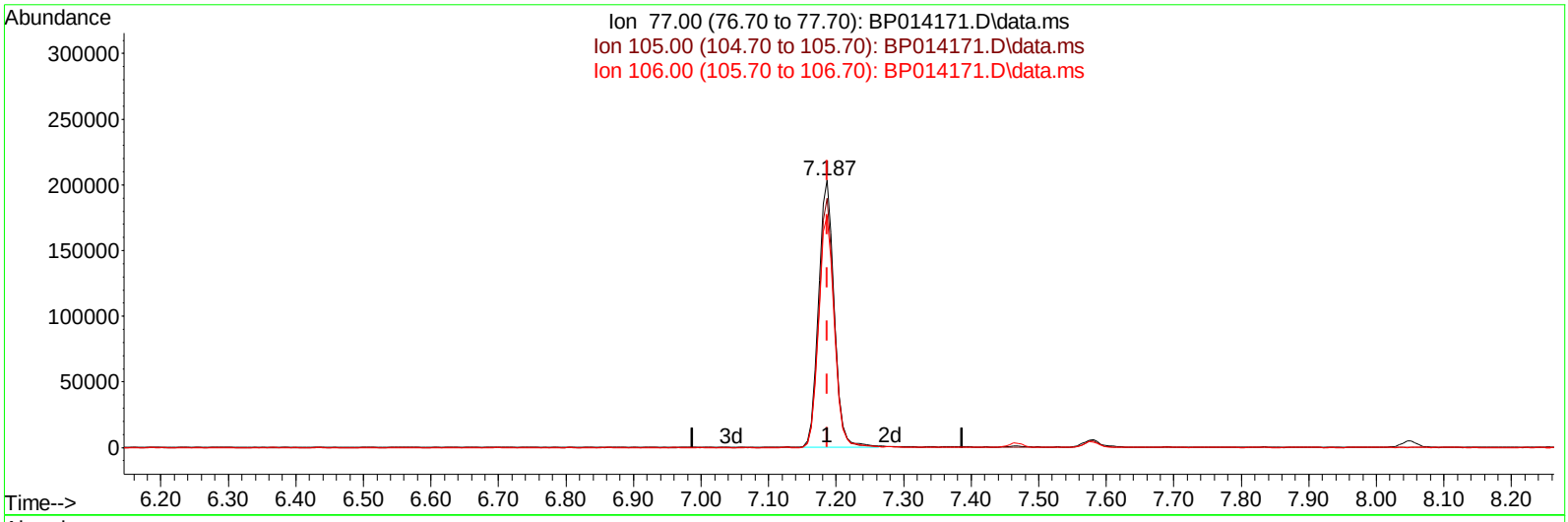
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014171.D
Acq On : 21 Mar 2023 09:15
Operator : CG/JU
Sample : 01996-02MS
Misc :
ALS Vial : 37 Sample Multiplier: 1

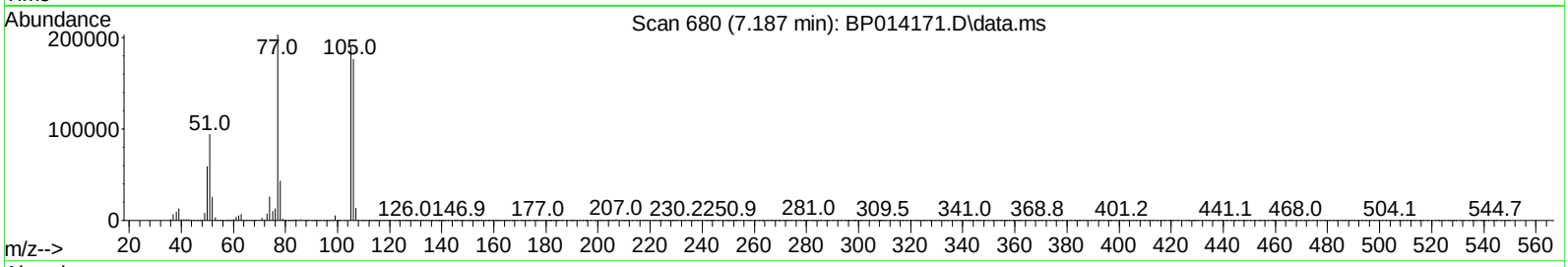
Quant Time: Mar 22 01:16:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 21 04:47:07 2023
Response via : Initial Calibration

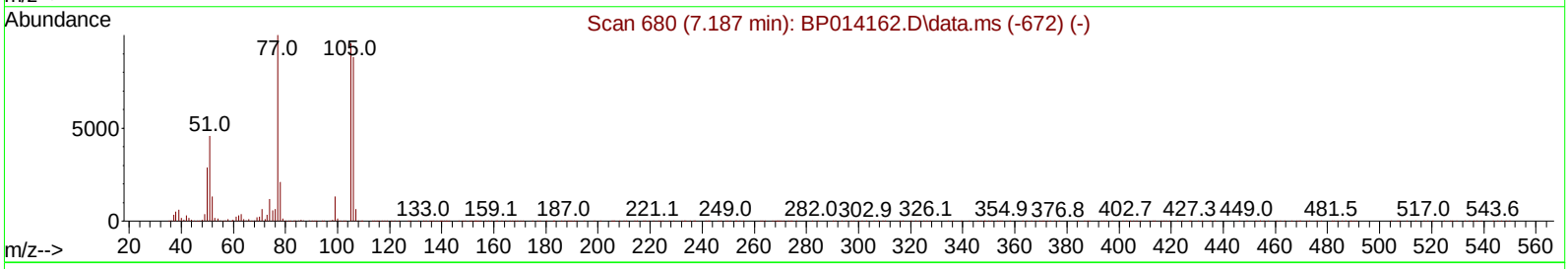
Instrument :
BNA_P
ClientSampleId :
H0A24MS

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/22/2023
Supervised By :mohammad ahmed 03/24/2023







TIC: BP014171.D\data.ms

(6) Benzaldehyde

7.187min (-0.000) 38.81 ng/ul

response 327865

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	93.30
106.00	87.30	86.70
0.00	0.00	0.00

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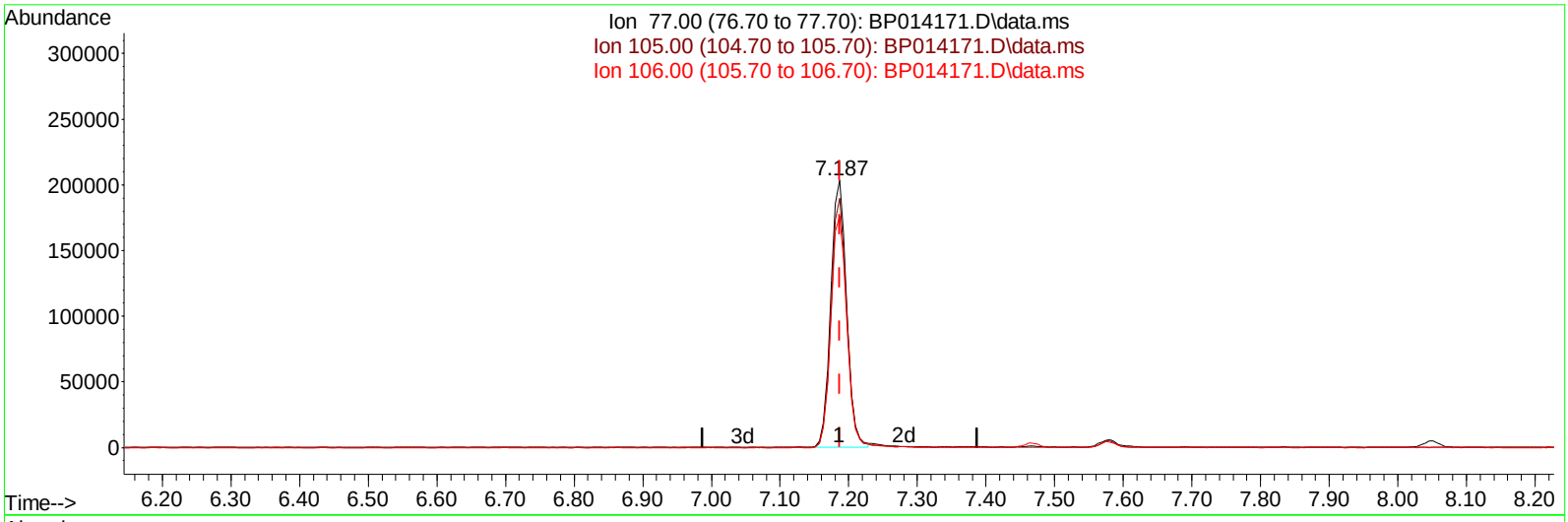

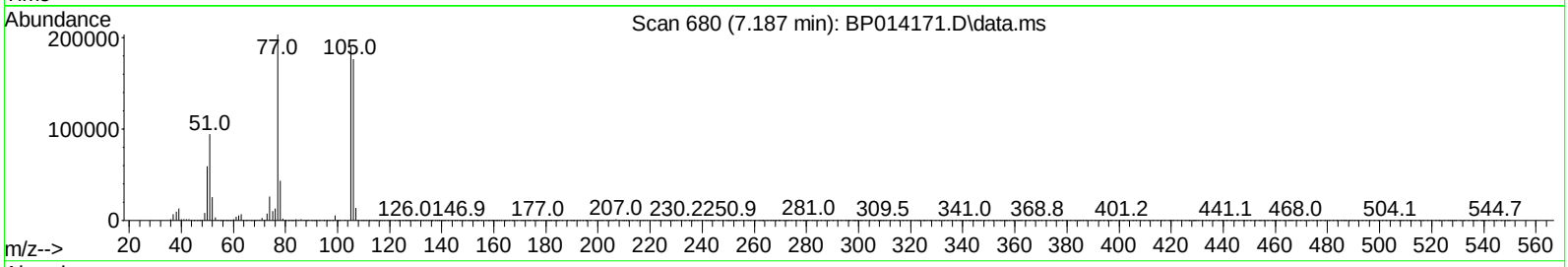

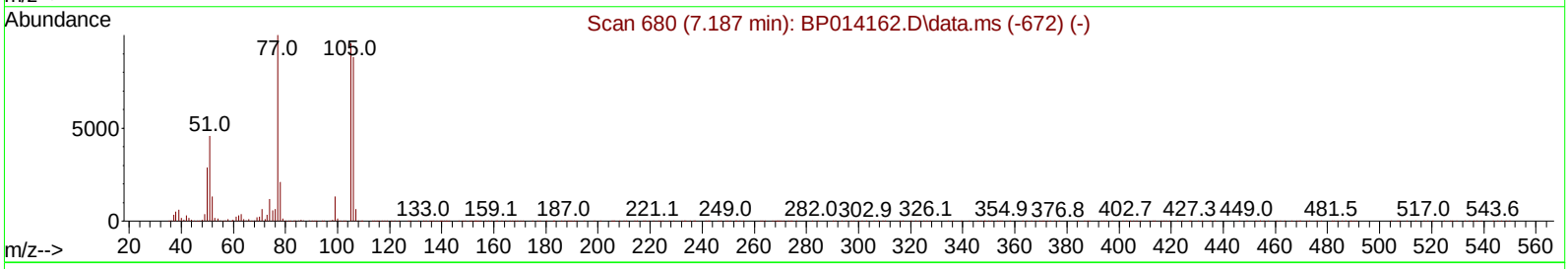

TIC: BP014171.D\data.ms

(6) Benzaldehyde

7.187min (-0.000) 38.54 ng/ul m

response 325606

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	93.30
106.00	87.30	86.70
0.00	0.00	0.00

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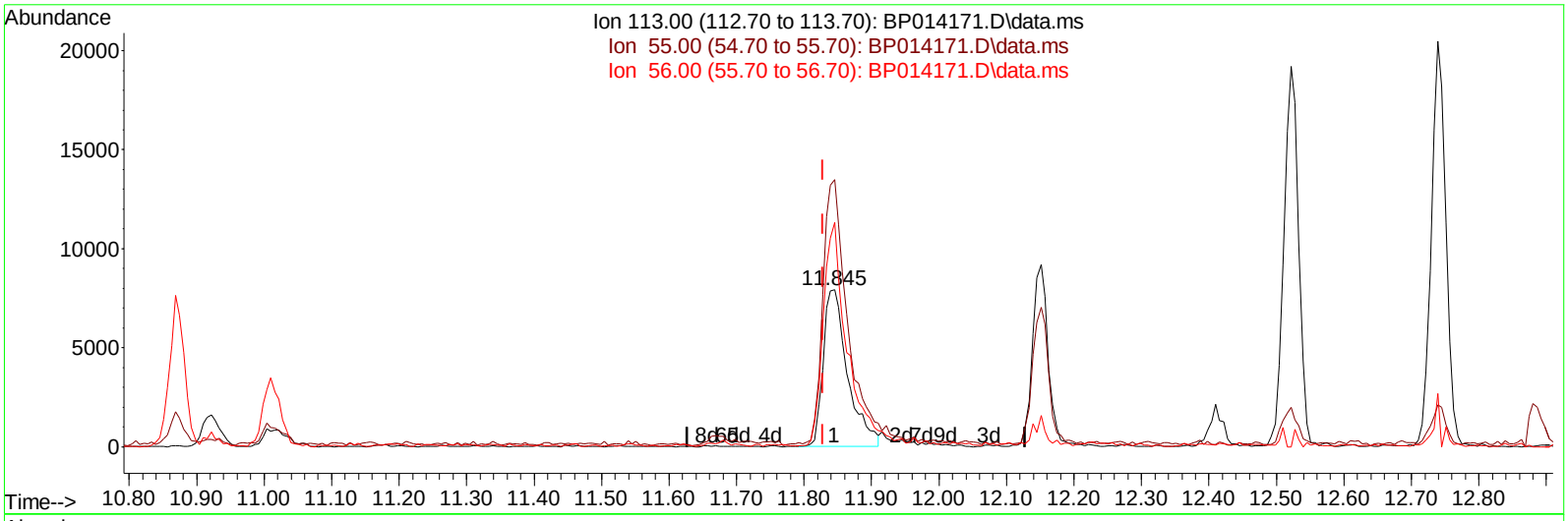

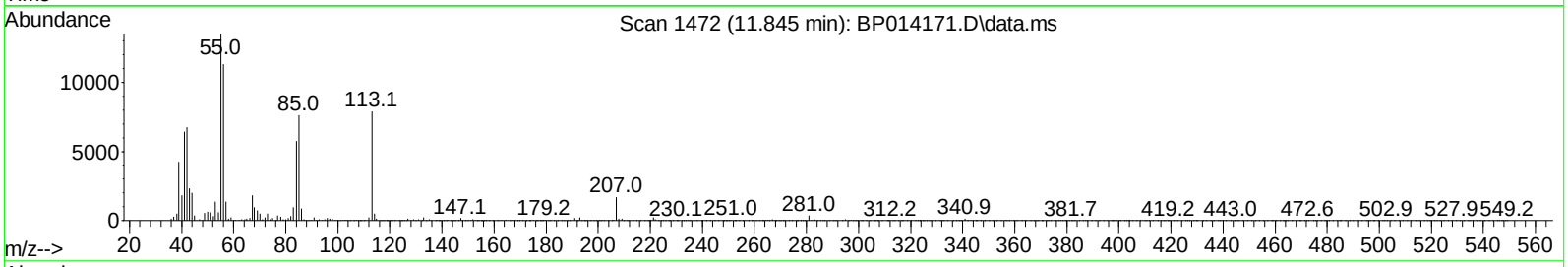

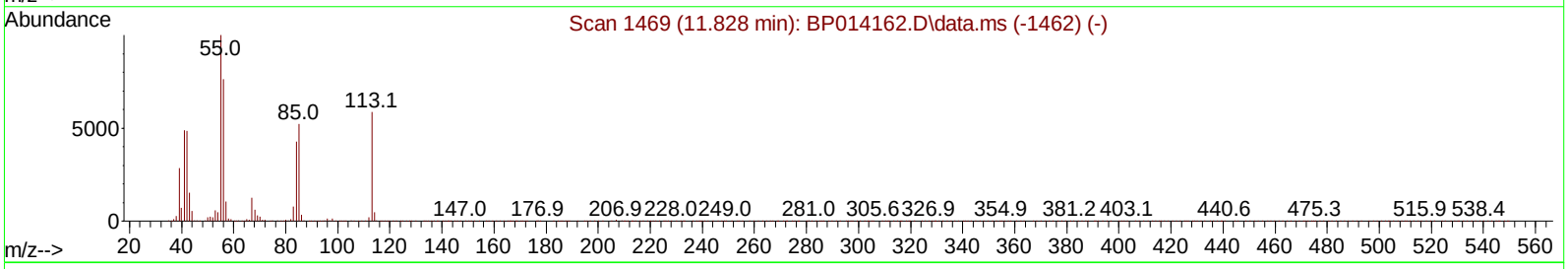

TIC: BP014171.D\data.ms

(34) Caprolactam

11.845min (+ 0.017) 4.14 ng/ul

response 20019

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	170.05
56.00	127.50	142.93
0.00	0.00	0.00

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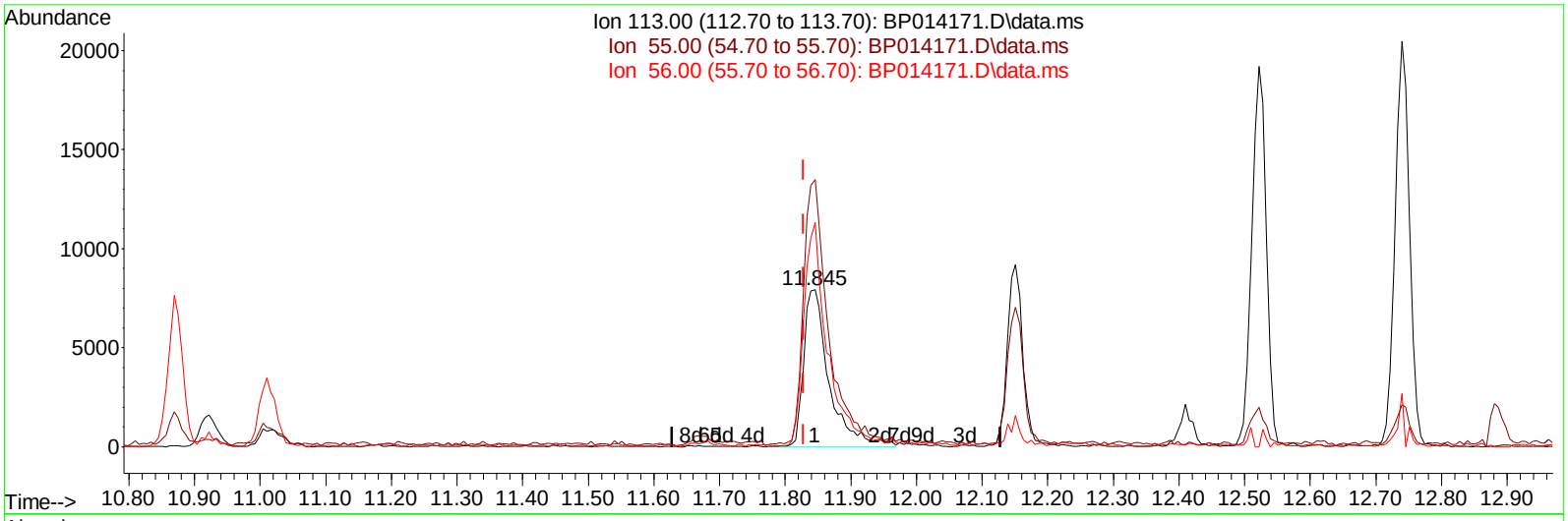

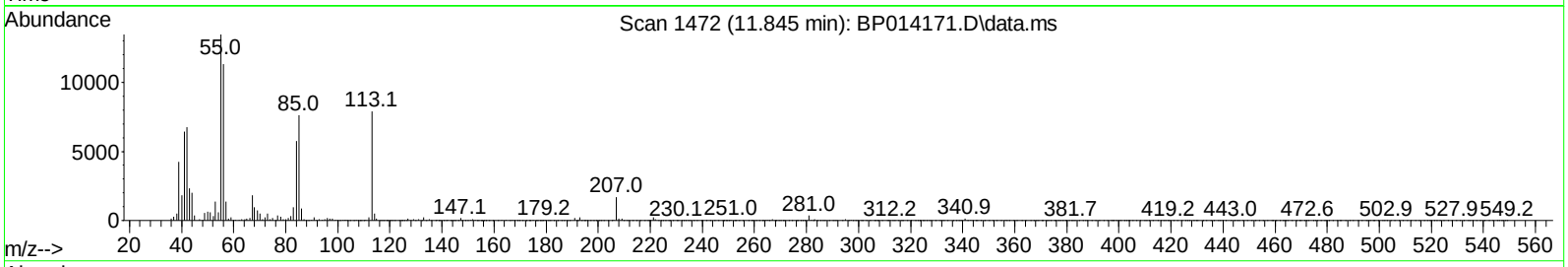

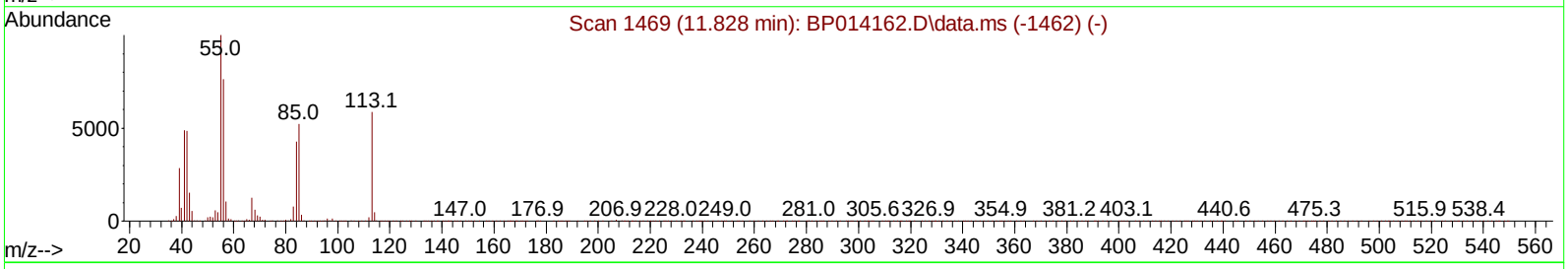

TIC: BP014171.D\data.ms

(34) Caprolactam

11.845min (+ 0.017) 4.38 ng/ul m

response 21205

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	170.05
56.00	127.50	142.93
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.045	152	192406	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	840159	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.692	164	582326	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1367543	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.527	240	1335009	20.000	ng/ul	0.00
88) Perylene-d12	24.045	264	1189307	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	21031	4.130	ng/uL	0.00
4) Pyridine-d5	3.852	84	134943	9.571	ng/ul	0.00
7) Phenol-d5	7.210	99	107020	6.303	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	357714	36.124	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	312487	24.156	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	213493	15.393	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	228781	34.128	ng/ul	0.00
24) 2-Nitrophenol-d4	9.945	143	256097	31.914	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.492	165	427086	28.286	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	449856	22.514	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	1807991	36.584	ng/ul	0.00
49) Acenaphthylene-d8	14.386	160	1854433	35.422	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	58442	6.710	ng/ul	0.00
60) Fluorene-d10	15.686	176	1502034	35.862	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	360219	34.851	ng/ul	0.00
73) Anthracene-d10	17.545	188	2538472	38.237	ng/ul	0.00
81) Pyrene-d10	19.768	212	3111068	42.253	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	2511002	39.692	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	65717	11.954	ng/uL	93
5) Pyridine	3.869	79	147147	10.291	ng/ul	95
6) Benzaldehyde	7.187	77	325606m	38.540	ng/ul	
8) Phenol	7.234	94	113532	6.484	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.463	93	461206	34.380	ng/ul	97
12) 2-Chlorophenol	7.610	128	318521	24.439	ng/ul	95
13) 2-Methylphenol	8.498	108	241886	18.578	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.581	45	583675	40.289	ng/ul	98
16) Acetophenone	8.881	105	762015	34.010	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.863	70	412272	35.968	ng/ul	98
18) 4-Methylphenol	8.828	108	227055	15.854	ng/ul	100
19) Hexachloroethane	9.134	117	185451	32.487	ng/ul	96
22) Nitrobenzene	9.269	77	605348	33.757	ng/ul	99
23) Isophorone	9.798	82	1165033	33.737	ng/ul	98
25) 2-Nitrophenol	9.981	139	253921	30.702	ng/ul	98
26) 2,4-Dimethylphenol	10.039	107	407514	22.511	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.275	93	671953	33.640	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	409247	27.477	ng/ul	98
30) Naphthalene	10.922	128	1483377	32.153	ng/ul	99
32) 4-Chloroaniline	11.033	127	524493	26.085	ng/ul	97
33) Hexachlorobutadiene	11.198	225	341295	28.796	ng/ul	98
34) Caprolactam	11.845	113	21205m	4.385	ng/ul	
35) 4-Chloro-3-methylphenol	12.151	107	484364	28.124	ng/ul	97

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H0A24MS

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.522	142	1041025	32.171 ng/ul	99
37) 1-Methylnaphthalene	12.739	142	1077871	33.140 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.886	216	659333	31.310 ng/ul	99
40) Hexachlorocyclopentadiene	12.863	237	333546	22.120 ng/ul	98
41) 2,4,6-Trichlorophenol	13.128	196	424058	32.057 ng/ul	100
42) 2,4,5-Trichlorophenol	13.204	196	472482	32.546 ng/ul	100
43) 1,1'-Biphenyl	13.522	154	1498668	33.428 ng/ul	98
44) 2-Chloronaphthalene	13.569	162	1196832	33.612 ng/ul	98
45) 2-Nitroaniline	13.780	65	449220	42.656 ng/ul	95
47) Dimethylphthalate	14.145	163	1766493	36.112 ng/ul	100
48) 2,6-Dinitrotoluene	14.274	165	381052	39.401 ng/ul	94
50) Acenaphthylene	14.416	152	1917169	34.894 ng/ul	100
51) 3-Nitroaniline	14.604	138	331020	38.657 ng/ul	94
52) Acenaphthene	14.757	153	1340011	34.888 ng/ul	99
53) 2,4-Dinitrophenol	14.810	184	232699	32.220 ng/ul	95
55) 4-Nitrophenol	14.910	109	56647	6.022 ng/ul#	84
56) Dibenzofuran	15.092	168	1937466	34.674 ng/ul	99
57) 2,4-Dinitrotoluene	15.057	165	566593	39.212 ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.316	232	457406	32.933 ng/ul	98
59) Diethylphthalate	15.504	149	1830058	36.885 ng/ul	100
61) Fluorene	15.739	166	1626216	35.110 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.727	204	864497	33.816 ng/ul	100
63) 4-Nitroaniline	15.769	138	365058	41.474 ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.821	198	342628	34.746 ng/ul	94
67) N-Nitrosodiphenylamine	15.945	169	1448501	37.503 ng/ul	100
68) 4-Bromophenyl-phenylether	16.627	248	591015	35.749 ng/ul	97
69) Hexachlorobenzene	16.745	284	698427	35.850 ng/ul	98
70) Atrazine	16.898	200	494370	29.677 ng/ul	97
71) Pentachlorophenol	17.092	266	403116	31.656 ng/ul	97
72) Phenanthrene	17.492	178	2787117	37.366 ng/ul	99
74) Anthracene	17.580	178	2843529	37.598 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.492	216	675706	32.195 ng/uL	99
76) Pentachlorobenzene	15.010	250	744501	34.149 ng/uL	99
77) Carbazole	17.851	167	2570788	38.537 ng/ul	100
78) Di-n-butylphthalate	18.380	149	3371313	40.437 ng/ul	100
80) Fluoranthene	19.445	202	3519710	41.939 ng/ul	96
82) Pyrene	19.798	202	3604688	41.174 ng/ul#	95
83) Butylbenzylphthalate	20.651	149	1633479	46.273 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.433	252	977573	28.604 ng/ul	100
85) Benzo(a)anthracene	21.509	228	3596127	38.298 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	2411070	45.684 ng/ul	100
87) Chrysene	21.568	228	3369011	37.647 ng/ul	100
89) Di-n-octyl phthalate	22.368	149	4123911	54.953 ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	3239163	40.873 ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	3098471	41.002 ng/ul	99
93) Benzo(a)pyrene	23.939	252	2626056	38.097 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.703	276	2995435	32.827 ng/ul	97
95) Dibenzo(a,h)anthracene	26.715	278	2522769	33.264 ng/ul	98
96) Benzo(g,h,i)perylene	27.515	276	2391551	32.790 ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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